



Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation—Nuclear Division

VOL. 20 — NO. 36

OAK RIDGE, TENNESSEE

Wednesday, September 7, 1966

120173-4-5



Local Secretaries Set Seminar Saturday; Theme Is 'In League With The Future'

A "Seminar for Career Secretaries," sponsored by the Oak Ridge Chapter of National Secretaries Association (International), will be presented Saturday, September 10, at the Holiday Inn, Oak Ridge.

"In League with the Future," the theme chosen by Marigrace Kirstowsky, CPS, chairman of the seminar, is designed for career secretaries in working toward professionalism through philosophy, personal adjustment, personal development, and responsible citizenship.

Nationally known speaker E. A. Clevenger, vice president of The Corley Manufacturing Company, Chattanooga, will speak on how to gain professionalism through philosophy by proposing attitudes that lead to success. Following him, Andrew Wachtel, M.D., who has recently returned to Oak Ridge from Knoxville, will advance a little advice on achievement of professionalism through personal adjustment. Among other things, he will discuss how and why women find it difficult to distinguish between fact and feeling in solving problems.

Fields To Be Covered

Professionalism through personal development will be covered by three speakers: Dr. Arthur E. Warner, Dean, College of Business Administration, University of Tennessee, will discuss secretarial education for a changing business environment; W. O. Mickelson, Director, Organization and Personnel Division, U. S. Atomic Energy Commission, Oak Ridge Operations, will speak on management's requirements of a secretary, and Barbara Faughn, CPS, assistant to the president, Peabody College, will cover secretarial performance and the need for self-motivation to overcome obsolescence.

Professionalism through responsible citizenship will be covered by the Honorable Allen Kidwell, Attorney at Law, Oak Ridge

City Judge, and Direct Representative of Anderson County.

Morning Exhibits

The morning session will include a showing of the latest office machines and equipment by representatives from Dictaphone Corporation, International Business Machines Corporation, Southern Bell Telephone and Telegraph Company; The 3-M Company, and Xerox Corporation. Executives and business teachers are invited to attend the morning session and view the exhibits at no charge.

Another highlight of the seminar will be the presentation of the CPS certificates by Barbara Faughn, CPS, Tennessee Division President, NSA to the 1966 certified professional secretaries: Gladys Carpenter, Mabel Tyer, Mary Yaggi and Norma Beeler.

Anyone May Register

Registration is open. Fees are \$2.50 for the CPS luncheon and \$3 for the morning sessions (9 a.m. to 12:30 p.m.)—\$5.00 for the entire seminar. Registration forms may be obtained from Helen Thomas, Building 9201-2, extension 3-5429, or Wilma Stump, 101 East Tennessee Avenue, Oak Ridge telephone 483-6311.

Application forms and other information concerning the CPS examination will be available at the meeting. Applications to take the examination in May, 1967, must be filed on or before December 1 of this year.

ISA Meet Tonight At Holiday Inn

The Oak Ridge Section of the Instrument Society of America will meet tonight, September 7, at the Holiday Inn. The Social hour begins at 6 . . . with dinner at 7 p.m.

Guest speaker will be Carl Huggins, NASA Marshall Space Flight Center, Huntsville. He will speak on "Use of Microelectronics in Television Development." The lecture will be accompanied by some flight films.

Harwell's Currie Guest At Physics Seminar

W. M. Currie, Atomic Energy Research Establishment, Harwell, England, will conduct a seminar for the Physics Division Friday. His subject will be "Doppler Shift Attenuation Measurements of Short Half-Lives."

The seminar is set for 10 a.m. Friday, September 9, in the East Auditorium of ORNL's 4500 building.

Plastics Names New Officials

William M. Hammond and James W. McLaughlin have been named vice presidents of Union Carbide Plastics Division, according to an announcement from Glenn L. Pitzer, president of the division.

Hammond joined Union Carbide in 1941. He served in various capacities in the corporation's chemicals, plastics and food products in Texas City, Torrance, California; and Chicago. He has been manager for the Plastics Division since 1965. He attended the University of Texas.

McLaughlin, who will be concerned with the international responsibilities of the division, joined Union Carbide in 1941, also. He served in various capacities in the sales and marketing organizations of the Plastics Division and its predecessors. In 1965, he joined the International Company and since January, 1966, has been general manager of plastics and olefins for that division. He is an alumnus of Georgetown University.

Area Employment Slightly Increased

Midyear employment in Atomic Energy Commission programs of production, research, education and training at Oak Ridge exceeded 13,800 persons, S. R. Sapirie, manager, Oak Ridge Operations, announced recently. This represents a slight increase over the same period a year ago.

The total includes 13,000 persons employed by the AEC's major Oak Ridge contractors, in addition to 835 direct employees of the AEC's Oak Ridge Operations and its Washington extensions here.

Some 12,380 persons are employed at the three large plants and laboratories operated by Union Carbide. July employment at Oak Ridge National Laboratory was 5,381; Y-12, 4,462; and at the Oak Ridge Gaseous Diffusion Plant, 2,537.

Midyear employment at the Oak Ridge Associated Universities was approximately 470. At the Agricultural Research Laboratory, operated for the AEC by the University of Tennessee, some 150 were on July employment rolls.

Employment under Oak Ridge Operations, one of the AEC's largest and most diversified field offices, totals more than 19,500 persons. Facilities and equipment are located in six states and Puerto Rico, and represent an investment of approximately three and one-quarter billion dollars.



S. R. SAPIRIE, Manager, Oak Ridge Operations, Atomic Energy Commission, congratulates recent graduates of the TAT program. The 60 teachers completed vocational training classes in Y-12 to update their background. They concentrated mostly on the sophisticated changes in the complex of the industrial field.

Ceremonies See 60 Receive 'Degrees' In TAT Graduation

The nine-week Training and Technology summer institute for 60 technical and vocation teachers ended in graduation ceremonies in the plant recently.

The teachers were awarded a certificate in recognition of their successful completion of the course.

Representing 10 states, the average age of the teachers was 39.2 years. Six of the 60 held Masters Degrees . . . 21 had B.S.'s. The average education level was 2.5 years of college.

The institute, the first of its kind at Y-12, was designed to update and upgrade the professional training of teachers through classroom and shop instruction.

The teachers all averaged at least seven years of experience in the educational field.

'Graduation' Rites

Speakers at the 'graduation' were S. R. Sapirie, manager, Oak Ridge Operations, Atomic Energy Commission; Wendell Russell, Oak Ridge Associated Universities; H. G. P. Snyder, Superintendent, Industrial Relations; and J. Leo Waters, Y-12's coordinator of the TAT program . . . all congratulated the teachers. Their certificates were awarded by Dr. Carl Murphy, acting assistant dean of Education at the University of Tennessee. The entire proceedings were emceed by Paul Elza, ORAU.

Y-12 provided instructors for courses in mechanical technology and drafting, industrial electronics technology and maintenance, and machine shop fabrication.

The courses represent areas in

which the most rapid technological changes have occurred, resulting in critical shortages of trained teachers and craftsmen in these fields.

UT's Faculty

University of Tennessee faculty members provided training in shop organization and management, methods of teaching shop and related subjects, curriculum building in industrial subjects, development and use of audio-visual materials, and conference leadership.

The program, financed by the U.S. Office of Education, was administered by ORAU with assistance from Union Carbide Corporation, UT, the AEC, the U.S. Department of Labor, and the Tennessee State Department of Education.

R. A. Brewer, one of the students, presented B. R. Pearson and Kenneth Simon, a co-op student, two oversized mock-ups of a Y-12 film badge . . . with numbers 007 on them.

Y-12 was chosen as the training site for this program because of its versatile production and development facility with skilled personnel experienced in industrial training.

Long Time 'Til Thanksgiving Holiday!

Barely a holiday passes before someone asks "when's the next one?" Well, Y-12ers go 81 days until their next holiday . . . the longest space of the year between days off.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
13 Days Or
372,000 Man-Hours
Through September 4
Without A Disabling
Injury
Phone 3-7755
(Unofficial Estimate)
For Daily Report
On Accident-Free Hours



Mr. and Mrs. Edward Webb



Mr. & Mrs. Riley David Williams

WILLIAMS—NABORS

Mr. and Mrs. Leroy S. Nabors, Route 3, Concord, announce the wedding of their daughter Miss Alice Nabors to Mr. Riley David Williams. The groom is the son of Mr. and Mrs. Davis Williams, Route 5, Lenoir City.

The wedding took place Friday, July 29, at the Unity Baptist Church.

The newlyweds are at home in San Diego, California, where the groom is stationed with the U. S. Navy.

The father of the bride is in Y-12's Beta Two Shop.

After-Dark Shots Camera Club Theme

The Carbide Camera Club meeting next Tuesday will concern itself with night color photography. A highly praised Eastman Kodak color slide show will be presented, called "Color Photography After Dark." The 150-color-slide show has taped commentary, giving points on tricky shots at night . . . moonlight, Christmas tree decorations, bright lights of the city, reflections, etc. and any other phase of camera work after dark.

September competition is "Oak Ridge," and October competition will be "Flowers."

That's Tuesday, September 13, 8 p.m., at Cheyenne Hall. See your bulletin for more details on September's meeting.

Obeys security regulations.

**WEBB - VAUGHN**

Miss Barbara Ann Vaughn and Mr. Edward Webb pledged nuptial vows in a double-ring ceremony Friday, July 22. The rites were performed at the Calvary Baptist Church at 8 p.m., with the Reverend Jimmy McCarter officiating.

The bride is the daughter of Mr. and Mrs. Fred Vaughn, Route 1, Heiskell; and the groom is the son of Mr. and Mrs. J. H. Webb.

The bride's sister, Mrs. Betty Anderson, was matron of honor. The groom's brother, Mr. Ernie Webb, was best man.

Ushers were Jack Anderson, brother-in-law of the bride, and Don Webb, the groom's brother.

Mr. Webb is a graduate of Clinton High School and is serving with the U.S. Air Force at Ramstein, Germany. Mrs. Webb is a graduate of Powell High School and is presently employed at Standard Knitting Mills, Knoxville. She expects to join her husband shortly after the first of the year in Europe.

The father of the bride is in Y-12's General Shop Inspection.

Speed Limit Is For Ideal Conditions

Posted legal speed limits are intended as sensible maximum speeds when the weather, road and traffic conditions are favorable. But — really — the only way to determine a safe speed is to take into consideration any UNFAVORABLE conditions of the weather, road or traffic. Then — adjust speed accordingly, below the limit, of course.

Deadline For Bulletin News Is 4:30 Thursday

Technical societies begin their new season this month. The Bulletin reminds publicists and secretaries of such societies of its deadline.

Copy must be submitted by 4:30 p.m. Thursday for insert in the following week's paper. Photographs must be in by noon on Thursday for the following week.

UT Graduate School Lists Fall Courses

Registration Set Monday, September 19

The Oak Ridge Resident Graduate Program has published its fall schedule. The University of Tennessee graduate program begins Monday, September 19. Courses offered this fall are:

BIOCHEMISTRY 4110 — Cellular and Comparative Biochemistry. 7 p.m. Tuesday, Thursday.

CHEMICAL ENGINEERING 5110 — Heat Conduction. 7 p.m. Tuesday and Thursday.

CHEMISTRY 3810 — Radioactivity and Its Applications. 5:30 p.m. Wednesday, 10 a.m. Saturday.

ENGINEERING MECHANICS 5110 — Advanced Strength of Materials. 5:15 p.m. Tuesday, 9 a.m. Saturday.

MATHEMATICS 4510 — Introduction to Analysis. 5:15 p.m. Monday and Wednesday.

MATHEMATICS 4540 — Advanced Calculus (Infinite Series and Functions of Several Variables). 5:15 p.m. Monday and Thursday.

MATHEMATICS 4650 — Introduction to Mathematical Statistics. 5:15 p.m. Tuesday and Thursday.

MATHEMATICS 5210 — Theory of Functions of a Real Variable. 5:15 p.m. Tuesday and Thursday.

METALLURGICAL ENGINEERING 4510 — X-Ray Diffraction and Crystallography. 7 p.m. Friday.

PHYSICS 3210 — Mechanics. 5:15 p.m. Monday and Friday.

PHYSICS 3710 — Introduction to Atomic and Nuclear Physics. 8 p.m. Monday and Thursday.

PHYSICS 4510 — Atomic Physics Laboratory. 8 a.m. Saturday.

PHYSICS 4610 — Gaseous and Solid States. 5:30 p.m. Tuesday and Thursday.

PHYSICS 5210 — Advanced Modern Physics. 5:30 Tuesday and Thursday.

PHYSICS 5610 — Mathematical Methods in Physics. 7 p.m. Wednesday and Friday.

PHYSICS 6430 — Advanced Topics in Quantum Theory (Scattering Theory). 7 p.m. Monday and Thursday.

ZOOLOGY 3010 — Concepts in General Zoology. 7 p.m. Tuesday. Labs to be announced.

ZOOLOGY 3320 — Histology. 6:30 p.m. Tuesday and Thursday. Labs 7:30 p.m. Tuesday and Thursday.

ZOOLOGY 4360 — General Genetics. 7 p.m. Wednesday.

All the above courses carry full graduate credit, and are eligible for reimbursement under the Carbide Educational Assistance Program.

Molecular Anatomy Is Topic For IEEE Meeting

The Oak Ridge Section of the Institute of Electrical and Electronic Engineers will meet Thursday evening, September 15, at the local Elks Club.

Dinner will be served at 7 p.m., following a social hour.

Dr. N. G. Anderson, Biology Division of the Oak Ridge National Laboratory will be the after-dinner speaker. He will discuss "The Molecular Anatomy Program."

Anderson received his Ph.D. from Duke University in Cell Physiology. He joined the staff of ORNL Biology Division in 1953 and now is program coordinator of the joint NIH-AEC Molecular Anatomy Program to apply AEC technology and skills to cell fractionation problems.



IN THE UPPER PHOTO Mark Hilton, visiting Grand-pa Wimpy, from Ohio, tests the rope swing in front of the tree-house. In the lower shot, Stan Hilton and Jeffrey Hayes inspect the tree-house built especially for them at their grand-pa's house.

Hiltonshire Junior (Tree-House) Is Big Hit With Grand-Children!

The M. B. "Wimpy" Hilton home . . . Hiltonshire . . . in Knoxville is a grandchild's dream. Not only are there doting grandparents around, but there's a fancy tree - house in back for sleeping-out, playing Tarzan, and just "getting - away - from-it-all" . . . eternal joys to the "young in heart."

There are five grandchildren to enjoy the privileges, too . . . four boys and one girl.

The tree-house is complete with cross ventilation, a ladder that is hinged so that it can be pulled up to keep out intruders, and a lacey dome of sky overhead. (Grandpa Hilton had to "sleep out" recently in the tree-house with the visiting bairn, because one or two of them didn't relish staying out alone!)

Wimpy is a well-known Y-12er in Tool Engineering.

The latest project for Hilton-

shire Junior is a rope swing that will gain access to the house in the trees.

(Looks like Conrad Hilton could take a few pointers from Wimpy!)

Which brings us all to the conclusion . . . that we sure wish our own grandpas had been a little more like Wimpy Hilton.

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor

Member



Appalachian
Industrial
Editors'
Association

American Association Industrial Editors

OFFICE

Post Office Box Y
Oak Ridge, Tenn. 37830

Bldg. 9704-2 Room 137
Telephone 3-7100

COSTLY FIRES

About 52,600 industrial plants were hit by fire in the United States last year, according to the National Fire Protection Association . . . the heavy price being about 135 industrial plants a day!



A SHIFT FOLKS GATHERED recently at the Carbide Recreation Area (which boasts a newly paved road over the hill) for a covered-dish outing. Fried chicken with all the trimmings brought out a host of present and ex-shifters. In the top photograph children are in evidence everywhere . . . which makes for a happy picnic. At right Bozo the Clown amuses the 'young in heart' at the lake-side retreat.

Y-12 Braves -- Red Devils Are Still Deadlocked For Softball League Top

With only a week left in the Softball League . . . it's still a deadlock between the Y-12 Braves and the ORNL Red Devils. The only advantage the Braves hold is that they only have one game to be played . . . the RD team has two.

Meanwhile, the X-10 Mets started last week's action by killing off potential champions . . . the Isotopes-Reactor team, 10 to 9. Thus, the I-R team drops from contention with a total of three losses. Big sticks for the winning Mets were Bob Stone with a triple, Bobby Ford and Alex Marion with doubles. Bill Montgomery homered for the losing I-R team.

The Y-12 Falcons showed their claws in Monday's second game as they eked by the Naughts 17 to 16. Ed Bryant clipped a home run for the winners . . . Al Longest, Marv Payne and Bill Fulkerson for the losers.

Improved Mets Win

The K-25 Mets, steadily improving, brushed by Health Physics 19 to 13 in final action Monday. Almost everyone on the team from K-25 homered as Steve Cates and Bill Martin came through with two; Jack Roach, Bob Henderson, Wayne Lendenmier and John Keith all picked up one. Dave Mason and Jim Hart zeroed homers for the losing squad.

Y-12's Big Shops slaughtered the Peanuts in Tuesday's first game . . . 19 to 6. Harold Brendle and Ben Alexander clouted four-baggers for the BS team. Bill Gray collected a single homer for the losing Peanuts.

Sports Edge Clowns

The K-25 Sports inched up in down-the-middle standings by down - the - middle standings by shaving it close by the Clowns 14 to 13. Bart Simcox four-bagged one for the winning Sports.

The league-leading Braves took win number 15 in final action Tuesday by beating the Ecobums 11 to 8. Jim Milligan and John Evans homered for the winners . . . "Big Boy" Hopkins tripled.

Thursday's games began with the Red Devils staying put by downing the Y-12 Bat Boys 24 to 5. Jim Chesney and Tom Coffey poled homers for the winning squad . . . Romeo Green knocked two for the losers; Jim Knight one.

The Sluggers slugged the Fireguards, from Y-12, 21 to 15 in game number two. Curtis Parker, Bob Cain and David Carroll all collected four-baggers; Ernie Collins for the losers.

Bio ambushed Y-12's Eagles 26

to 8 in the week's final action. Ed Bailiff beamed two homers for the winners . . . Frank Kooth collected one for the losing Y-12 team . . . who finished the season's play with 11 wins, six losses.

League standings follow:

| Team | W | L |
|------------------------|----|-----|
| Braves, Y-12 | 15 | 1 |
| Red Devils, ORNL | 14 | 1 |
| Isotopes-Reactor, ORNL | 14 | 3* |
| K-25 Mets | 12 | 4 |
| Health Physics, ORNL | 11 | 5 |
| Eagles, Y-12 | 1 | 6* |
| Bio, ORNL | 9 | 7 |
| X-10 Mets | 9 | 8 |
| K-25 Sports | 8 | 7 |
| Bat Boys, Y-12 | 8 | 9* |
| Falcons, Y-12 | 7 | 10* |
| Clowns, ORNL | 6 | 10 |
| Naughts, ORNL | 6 | 10 |
| Ecobums, ORNL | 5 | 11 |
| Sluggers, ORNL | 5 | 12* |
| Big Shops, Y-12 | 4 | 13* |
| Peanuts, ORNL | 3 | 14* |
| Fireguards, Y-12 | 1 | 15 |

*Schedule Completed.

Open House Set At Playhouse

Dorothy Alford and Milt Carey have contributed much of their time and talent in planning the Oak Ridge Playhouse Open House. It is set for Sunday, September 11, at 7:30 at the Playhouse . . . with general tryouts for upcoming production also set.

The open house will offer a tour of the newly completed annex, an opportunity to meet the Playhouse board, refreshments and a social hour throughout the evening. Tryouts for the five major productions of the 1966-67 season will be held. No advance preparation is necessary for the tryouts . . . reading material will be provided.

The plays set for this season are: October: "Turber Carnival;" November: "A Case of Libel;" January: "A Man for All Seasons;" March: "The Shrike;" and April: "Absence of a Cello." In December the Playhouse and Junior Playhouse will combine efforts to produce a new adaptation of "Christmas Carol" by Ted Lehmann. Lehmann is a former Oak Ridger who is now acting, writing and directing in Hollywood.

Oak Ridge Wildcats Open Season Friday

Football season open this week for Oak Ridge Wildcat fans . . . as the big team faces Knoxville East at home . . . Blankenship Field.

Photographs of the team, as well as Y-12's contribution to the Cat squad, will be run in the Bulletin shortly.

Kick-off time is 8 p.m. sharp Friday night in Oak Ridge.

A Shifters Stage Big Happy Picnic

A beautiful afternoon greeted A Shift folks recently at the Carbide Recreation Area. The rains stopped and the sun came out! The annual picnic brought out some 200 present and former A Shifters on August 24.

Fried chicken — southern style — topped the menu for the covered dish affair.

To the delight of all the children there, both young and old, Mr. Bozo, Clown of Clowns, arrived with arms laden with balloons. The colorful, happy-faced clown, escorted by wide-eyed youngsters, moved through the crowd bringing cheers and laughter from everyone. The entire group is appreciative of the appearance of Mr. Bozo and hopes he will return to future functions.

After a short ball game, called because of darkness, the play cards were brought out. Prizes were taken by Deborah Johnson, Bill Boucher, Martin Griess, Sandy Bell, Mary Griess, Sherrie Mathis, Willie Potter, Janalynn Maddux, Steve Pyatt and L. R. Bailey. The door prize, ticket and letter drawings were carried off by Ronnie Henderson, Jim Potter and C. J. Maddux.

All in all, it was some day!

Durham-Case Advance To Horseshoe Finals

In the doubles competition in single elimination play in the Horseshoe League three matches were played last week.

Zupan-Kendig took a 50-point forfeit win from Helms-Wagner . . . then turned and lost to Durham-Case — 53 to 10. The D-C pair had previously defeated Raper-Long 55 to 38.

Leonard-Gray defeated Hutto-Tillery 52 to 17.

More matches are set this week . . . and the singles tournament is played next.

Naleppa Thanks Unknown Golfer For His Watch

A. J. Naleppa is appreciative to some unknown golfer who turned his watch in recently. The timepiece was lost on the Southwest Golf Course, Kingston, during Y-12's recent tournament there.

To his unknown benefactor, Naleppa says "thanks."

SAD TALE OF WILLIAM JAY

Perhaps you've heard of William Jay, Who died maintaining the right-of-way.

He was right, dead right, as he sped along — But he's just as dead as if he'd been wrong!



Recreation



calendar

Monday, September 12

SOFTBALL TOURNAMENT: 6:15, 8:30 p.m. Midtown Number One.

TENNIS: To be arranged by individuals as per schedule.

BOWLING: 5:45 p.m. C League, Ark Lanes.

CAMERA CLUB: 8 p.m., Cheyenne Hall.

Tuesday, September 13

SOFTBALL TOURNAMENT: 6:15, 8:30 p.m. Midtown Number One.

PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gymnasium.

HORSESHOE TOURNAMENT: 7 p.m., Court A, B, C, D . . . City Courts. (Singles)

Wednesday, September 14

SMALLBORE RIFLE LEAGUE: 7 p.m., Clinton Indoor Range.

BOWLING: 8 p.m. Mixed League, Ark Lanes.

SOFTBALL TOURNAMENT: 6:15, 8:30 p.m. Midtown Number One.

Thursday, September 15

SOFTBALL TOURNAMENT: 6:15, 8:30 p.m. Midtown Number One.

BOWLING: 5:45 p.m. Classic League.

PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gymnasium.

GOOD OLD DAYS

Remember when money to burn meant in your pockets instead of in rockets?

Campbell Sports Clean Tennis Slate

Sam Campbell keeps atop the Tennis League as action gets underway strong in the season's second half. He recently downed James Froula 6-3; 6-1; Ed DelGrande 6-1, 6-1, and Campbell King 6-1, 6-1.

D. W. Hackett took two sets from Charles Jones 6-3, 6-2.

James Froula downed Don Legacy and James White 8-6, 6-2 . . . 6-4, 6-2 consecutively. He lost set two to White 6-4.

Charles Jones won two from Campbell King 11-9, 7-5 . . . dropping number two 6-1.

League standings follow:

| Player | W | L |
|---------------|---|---|
| Sam Campbell | 5 | 0 |
| S. W. Hackett | 2 | 1 |
| James Froula | 2 | 2 |
| Charles Jones | 1 | 1 |
| Ed DelGrande | 0 | 1 |
| Don Legacy | 0 | 1 |
| Campbell King | 0 | 2 |
| James White | 0 | 2 |

Bush League Needs Teams And Bowlers!

The Bush Bowling League rolls every Monday night at 8 p.m. There are openings on the league for full teams, and members of teams.

So, if Monday at 8 is your free time to bowl . . . just give Recreation a ring, 3-7109. They'll put your name on the list and let you know.

Meanwhile, the Classic League prepares for its initial roll tomorrow night, September 8 . . . with two other leagues . . . the C at 5:45 p.m. Monday and the Mixed League, 8 p.m. Wednesday . . . also set to roll this week and next.



UNION CARBIDE CORPORATION
NUCLEAR DIVISION

RETURN POSTAGE GUARANTEED

Post Office Box Y
Oak Ridge, Tennessee—37830

BULK RATE
U.S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 71



September . . . "and the days dwindle down to a precious few." More Y-12ers cross important milestones with Union Carbide Corporation. Congratulations.

20 YEARS

Charles C. St. John, Research Services, September 9.

William L. Sharp, ORNL Chemical Services, September 11.

James D. Robertson Jr., Assembly Operations, September 12.

15 YEARS

Clyde R. Sharp, Buildings, Grounds and Maintenance Shops, September 7.

James F. Johnson Jr., Electrical Department, September 8.

Ward E. Wampler Jr., Secondary Quality Control, September 10.

Hubert L. Wigginton, Metallurgical Development, September 10.

Robert E. Blank, General Foundry, September 10.

Louis M. Fitzgerald, Physical Testing, September 10.

James H. Rowan, Laboratory Development, September 10.

Rufus E. Webb, Laboratory Operations, September 10.

Earl L. Price, Physical Testing, September 11.

Floyd R. Mack, Stores Department, September 12.

Kenneth E. McCulley, General Expediting and Auxiliary Services, September 13.

Nearly One-Third Fire's Victims—Children

Fire killed about 12,000 people in the United States last year, according to the National Fire Protection Association. Nearly 30 per cent of the victims were children. More than one-third of these small victims were left alone when the fire broke out.

Parents, tempted to leave small children alone for "just a minute" should stop and think! Fire needs only a moment to do its deadly work.

LITTLE REQUIRED

The average female brain weighs only 44 ounces. But then it takes so little to understand a man.

In, accepting the certificate Aylor stated that he was proud of the 25 years in ASTME. In his acceptance speech, he said that words could not express the satisfaction and experience one receives from being a member of such an outstanding engineering society. He advised everyone who is eligible to become a member . . . and share the same rewards he has had through the years.

JUSTINE N. AYLOR, TOOL GRINDING, recently received a plaque for his 25-year membership in the American Society of Tool and Manufacturing Engineers. Aylor was active in the Cincinnati area before coming to Y-12 in 1961.

ASTME Honors Y-12er Justin Aylor For Quarter-Of-Century Stewardship

The Knoxville-Oak Ridge Chapter of the American Society of Tool and Manufacturing Engineers, recently honored Justin N. Aylor with a 25-year membership certificate. For his quarter-of-a-century participation in the advancement of the professional growth of ASTME, the local chapter cited also the devotion to the cause of furthering the progress of tool manufacturing engineering.

Aylor, in Y-12's Tool Grinding Department in the Fabrication Division, came here in 1961. Prior to transferring to Chapter 107 of ASTME, he was a member of a chapter in Cincinnati, Ohio, for 20 years.



Ride wanted from Woodland section, Oak Ridge, to North Portal, H Shift. L. M. Steckel, plant phone 3-5944, home phone Oak Ridge 483-0592.

Ride wanted from Ft Sanders area, Knoxville, to East Portal, straight day. R. J. Poston, plant phone 3-5445, home phone Knoxville 523-8301.

Riders wanted, or will join car pool, from Maryville to any portal, straight day. W. O. Cantant, plant phone 3-5445, home phone Maryville 982-8359.

Fire's Tragic Toll Takes Levy Every Day

Every day in the United States, according to National Fire Protection Association estimates, fire levies this tragic toll of death and destruction: 32 lives . . . 1,520 homes . . . 14 schools . . . eight churches . . . five hospitals and nursing homes . . . 120 stores . . . 135 industrial plants.

Only you can improve the record. Prevent fires . . . it's your job, too!

Tokyo's Arima Speaks At Joint Seminar

A joint Physics-Electronuclear Division seminar will be heard Friday afternoon. A. Arima, University of Tokyo, will discuss "Oscillation of Liquid Drops." His discussion will be accompanied by movie pictures.

The seminar is set for 3:15 p.m. Friday, September 9, in the East Auditorium of ORNL's 4500 building.



STUDENT R. A. BREWER 'badges' B. R. Pearson (right) at recent TAT ceremonies. A total of 60 vocational teachers successfully completed the course in Y-12.

Surplus Sales Set With Scrap Material

A "Fall Clearance" sale is announced by the Sales Office of the Nuclear Division. The materials are located at the Oak Ridge Gaseous Diffusion Plant, and the sealed bids will be opened at 2 p.m., Tuesday, September 13.

Used oil drums, ladders, mixed copper scrap, copper cable, power poles, miscellaneous substation parts, railroad rail and parts, aluminum scrap, metal scaffolding, iron and steel scrap, copper and brass turnings, nickel scrap, multimet scrap, lead scrap, monel scrap, stainless steel scrap, insulated copper scrap, circuit breakers, a G.E. Bell vacuum furnace, salvage motors, a pressure booster, welding machine, band saw, electric oven, electric hack saw, electric grinder, a graphite block, metal office paneling, three air conditioners, and other salvage materials are included in the spot sale.

Additional information on the lot sale may be obtained from R. V. Brackney, extension 3-4601 . . . or by writing the Sales Office—Government Property division, P.O. Box M, Oak Ridge.

Antiques are something we're still paying for that our grandfathers paid for a long time ago.

Art Center Now Seeking Members

The Oak Ridge Community Art Center is now conducting its 1966-67 membership drive. A brochure giving detailed information about the fall classes is being mailed to present members and to anyone wishing to join. The leaflet lists advantages to being a member of the Art Center:

All members of the Art Center enjoy free admission to all regularly scheduled gallery exhibits and are eligible for studio classes in many media at all levels of achievement. There is tuition for the classes but membership is required. The rental collection of original paintings and excellent reproductions is available to members for periods of two months each. An informal study group will meet monthly for discussions of great paintings. The Classic Film Club will be sponsored by the Art Center this year and the first film will be free to members.

Membership fees are: Individual — \$5; Family — \$7.50; Patron — \$25; Sponsor — \$50 and up. Membership and support are sought from the entire area. For a brochure call Mrs. Ben E. Adams, at Oak Ridge 483-9643, or the Art Center at 482-1182, or write the Art Center, P. O. Box 105, Oak Ridge.



H SHIFT OF BETA TWO DISPATCHING is equally proud of their safety record, set August 11. On that date this group completed one full year without any kind of injury on the job . . . minor or otherwise. From left are L. G. Pack, B. K. Bristow, H. M. Russell, W. H. Roberts, J. S. Paschall, K. D. Baker and E. H. Upton.